

Pumps



▶ Sanitary centrifugal pumps – CS Series

- Close coupled sanitary centrifugal pump with open impeller and independent shaft support
- Low shear high efficiency design giving an optimised performance and characteristically low NPSH requirement
- For flow rates up to 300,000 l/hr and pressures up to 10 bar
- Range of connection types, elastomers and mechanical seals available
- Suitable for a wide range of requirements in the food, beverage and pharmaceutical process sectors, including evaporator applications



▶ Sanitary centrifugal pumps – CSM multistage

- Designed for high pressure applications, system pressures up to 40 bar
- Capacities range from 0 to 50 m³/h with heads up to 150m, available in 1, 2, 3 or 4 stages
- Sturdy construction using forged 316L ss, excellent surface finishing
- Range of connection types, elastomers and mechanical seal designs available

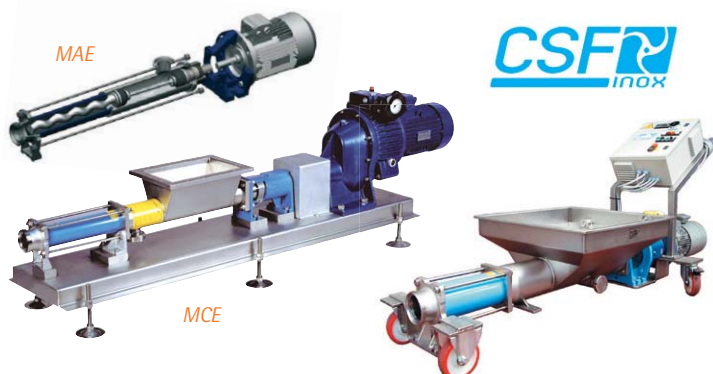


▶ Sanitary centrifugal pumps – CL Series

- Pressed body and hygienic design
- With integral motor shaft
- Polished in 316L ss

▶ CR screw impeller pump

- Combining the properties of a centrifugal pump with the delicate handling of a positive displacement pump
- For pumping solids in liquid. Designed not to clog and to be easily disassembled for inspection



▶ Progressive cavity pumps

- The eccentric screw pumps are positive displacement self-priming pumps with a single rotating axis
- Designed to move the product delicately and consistently
- Suitable to handle low viscosity products like wine or must and also high viscosity products and with solids in suspension
- Multistage pumps capable of pressures up to 24 bar
- Available in sizes from 1" to 6" with auger and pre-feed options available for handling very thick products

Pumps



AS Series



A Series

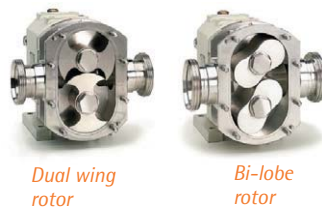
▶ Liquid ring pumps

- Self-priming, single and double stage liquid ring pumps
- Especially suitable for pumping CIP solution, water, juices, wine and spirits, chemicals and pharmaceutical media in CIP scavenge/return and tank emptying duties
- For flows up to 55 m³/hr



▶ Air-operated piston pumps

- Pneumatic piston pumps are available in various executions and sizes for pressures from 0 to 150 bar and flows from 1 to 80 l/min
- Suitable for pumping very high viscosity products and can be used in explosion proof environments
- Easy to disassemble and maintain



Dual wing rotor

Bi-lobe rotor

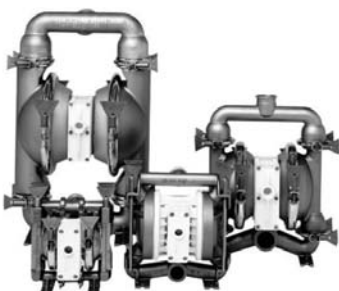


Tri-lobe rotor



▶ Rotary lobe pumps

- Positive displacement rotary lobe pumps available in a range of sizes from 1" to 8" and with rotor options including traditional ss tri-lobe and dual-wing rotary piston designs
- Manufactured to exacting standards. OMAC lobe pumps have deservedly earned an enviable reputation in industry for their quality and reliability
- Options include; flushed seals, aseptic version, enlarged inlet, heat jacketing, with hydraulic drives for road tankers and pumps in special materials including, titanium, hastelloy, monel and thermoplastic



▶ Air operated diaphragm pumps

- Reciprocating pneumatically operated diaphragm pumps available in 316L ss body or plastic body
- Self priming and able to be run dry. Suitable for pumping over a range of viscosities and products with particulates
- Pump size in 1/4" to 3" with a range of diaphragm and elastomer options

Pumps



SN

▶ Positive sinusoidal displacement pumps

- Designed for gentle handling of the product, without slippage, product shear or pulsation
- High efficiency with excellent suction capabilities giving a consistent performance even with products over a range of viscosities
- Flow rates up to 36 m³/hr and maximum pressure of 15 bar



DS-M series



AMP series

▶ Peristaltic pumps

- Positive displacement volumetric pump with unique features
- Suction lift to 9m, can be run dry without damage, seal-less and reversible
- Particularly useful for dosing applications and pumping abrasive products
- Available in a wide range of sizes from just a few litres /hr to more than 20,000 l/hr, Boyser peristaltic pumps are trouble free, silent and easy to clean



GR



EP Major 60

▶ Flexible impeller pumps

- Low speed rotary positive displacement pump, ideally suited to low pressure product transfer applications.
- A versatile positive displacement pump for delicate fragile and viscous fluids, also suitable for products with solids in suspension
- Widely used in juice, must and wine transfer



▶ Shear pumps

- In-line shear emulsifying pumps for circulation and smoothing of emulsions and lightly abrasive suspensions
- Useful also for circulation of storage tanks in order to avoid sedimentation or separation
- Available in a range of sizes and configurations to suit particular applications